



WO# 2013-65

Approved Manufacturing Facility 73-04



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: ~~95931-01~~ 95933-01-00

Aircraft: Bell ~~424~~ > S/N 57051 Model: 429

Description: AFT Beam

Supplier: Aero Design

Color: White

WO#: 2013-65

PO# N/A



## Aero Design Ltd.

9888 A Malaspina Rd., Powell River, BC  
V8A 0G3, 604-483-AERO (2376)

Quantity: 1

PN: 95932-01-02

Aircraft: Bell

Model: 429

Description: L.H. Forward Beam

Supplier: Aero Design

Color: White

WO#: 2013-65

PO# N/A

S/N 757081



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: Bell 429 L/H No. of pieces: 1

Manufacturer: Aero Design

Part No.: \_\_\_\_\_ Serial / Batch No.: NSN

TTSN: NIP TSO: N/H Rem.: N/H

Work Order No.: 2013-65

Remaining Tasks to be Performed: next step, strut on forward end, Mesh

Signature: [Signature]

Date: Dec 17/13 Lic. No. / ACA AD01

In Process



Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: [info@aerodesign.ca](mailto:info@aerodesign.ca)

AMF 73-04

Remarks

**In Process**

---

---

---

---

---

---

---

---

---

---

2013-65

## **CARGO BASKET ASSEMBLY - COMMON**

### **General**

These instructions apply to all cargo basket assemblies. Refer to the following drawings, at the current revision, for dimensions and details:

#### **Bell 206L/407 – Right side only**

69810, Revision 3 – Standard Low Mounted Basket  
94510, Revision 0 – Extra-Wide Low Mounted Basket  
94610, Revision 0 – Extra-Wide Low Mounted Ski Basket  
76610, Revision 0 – High Mounted Ski Basket

#### **Eurocopter AS350/AS355 – left or right**

77610, Revision 1 – Short Basket  
76410, Revision 3 – Medium Basket (left or right)  
78410, Revision 2 – Long Basket  
94010, Revision 0 – Extra Large (ski) Basket

#### **Robinson R44 – left or right**

90610, Revision 0 – Standard Basket (left or right)

#### **Bell 206B – right side only**

80210, Revision 0 – Short Basket  
80310, Revision 0 – Medium Basket  
81110, Revision 0 – Long Basket

#### **Bell 429 – right or left**

95911, Revision 0 – Standard Basket

#### **Bell Medium – left or right**

75111, Revision 0 – Standard Basket  
95511, Revision 0 – Extra Large (ski) Basket

#### **MD600**

82811, Revision 0 – Standard Basket

#### **Options**

70405, Revision 3? – Lid Walkway



**Work Order:** \_\_\_\_\_

**Date Open:** \_\_\_\_\_

**1. Lid Assembly**

- a. Install lid bumpers on bottom.
  - i. Fill bumper holes with RTV silicone sealant.
  - ii. Insert 49205-14 lid bumper, 3 or 4 places per lid.
- b. Install placard on bracket on top of lid.
  - i. Locate placard on bracket.
  - ii. Drill #30 through placard and bracket, using holes in placard.
  - iii. Remove placard and de-burr holes in placard and on bracket.
  - iv. Locate placard on bracket, and cleco in place.
  - v. Rivet placard with four CR3213-4-02 CherryMax rivets.
- c. Option: Install walkway on top of lid (lid must be fitted with walkway provisions)
  - i. Note: avoid touching surface of tread plate with bare hands to prevent smudges or marks on the top surface.
  - ii. Pull tread plate from stock. Shear tread plate to length.
  - iii. De-burr edges of tread plate with scotch-brite disc on die-grinder.
  - iv. Locate tread plate on lid. Hold tread plate in place with bags of lead shot.
  - v. Mark and drill #30 holes:
    1. 0.25" from edge of tread plate, centre on cross members (0.38")
    2. 0.25" from edge of tread plate, middle of each walkway stringer
  - vi. De-burr and counter-bore (if required to provide clearance of rivet head on checker pattern) all holes in tread plate using 1/4" piloted counter bore on both sides.
  - vii. De-burr holes in lid tubes.
  - viii. Apply bead of RTV silicone sealant along all tubes under tread plate.
  - ix. Set tread plate in place, secure with clecos if necessary.
  - x. Rivet placard with CR3213-4-02 CherryMax rivets
- d. Record PO/WO of all parts (including lid) used in steps above on attached material tracking list.

**2. Body Assembly**

- a. Install attachment fittings
  - i. Carefully remove excess powder coat from around attachment lug threads using a countersink.
  - ii. Run 3/8-24 tap into attachment lugs to clear threads.
  - iii. Apply anti-seize compound to attachment fittings 96710-01 (alternate: Ancra 40088-14)
  - iv. Install attachment fittings with two NAS1149F0363P washers in four lugs in basket.
    1. 90610 (Robinson R44) basket only:
      - a. Install 1 fitting 906?? in lower forward attachment lug only.
      - b. Install 3 96710-01 fittings in remaining locations.
  - v. Torque to ??

- b. 946 Basket Only: Install Cutout Brace – *must be completed after hinge installation*
  - i. Locate 94621-01 Brace over aft cross tube cutout
  - ii. Install two AN4-6A bolts and two AN4-30A bolts with NAS1149F0463P washers.
  - iii. Torque AN4 bolts to ??
- c. Record PO/WO of all parts (including basket) used in steps above on attached material tracking list.

### 3. Hinge Installation

- a. Prepare hinge.
  - i. Cut hinge to length:
    - 1. 776, 906 – 54"
    - 2. 751, 803 – 70"
    - 3. 698, 764, 945 – 72"
    - 4. 784 – 90"
    - 5. 940, 946, 959 – 95"
  - ii. Drill #30 pilot holes using hinge jig. For long hinges, flip at specified location on jig.
- b. Install hinge on basket
  - i. Locate hinge on basket (standard baskets)
    - 1. centre fore/aft
    - 2. 0.15" – 0.18" up from bottom edge
  - ii. Locate hinge on basket (extra wide baskets)
    - 1. centre fore/aft
    - 2. set hinge at 90 degrees (as if lid would be installed) using a small square, locate vertical side at 22.5" from outboard edge.
  - iii. Drill #30 through holes in hinge into basket rim. Cleco in place with 1/8 (copper) clecos.
  - iv. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 (black) clecos.
  - v. Remove hinge and de-burr holes in hinge and basket rim.
  - vi. Cleco hinge to basket with 5/32 clecos.
  - vii. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations
- c. Install lid on basket
  - i. Locate lid on hinge (all baskets)
    - 1. center fore/aft
    - 2. 0.15" – 0.18" down from top edge
  - ii. Drill #30 through holes in hinge into lid rim. Cleco in place with 1/8 clecos.
  - iii. Drill holes up to #21 through hinge and rim. Replace 1/8 clecos with 5/32 clecos.
  - iv. Remove hinge and de-burr holes in hinge and lid rim.
  - v. Cleco lid to hinge with 5/32 clecos.
  - vi. Install hinge with CherryMax rivets
    - 1. CR3523-5-02 monel rivets – last 2 rivets in each end
    - 2. CR3213-5-02 aluminum rivets – all other locations



- d. Record PO of hinge and rivets on attached material tracking list.

**4. Install Handle**

a. Install handle brackets.

- i. Set 84267-01 handle bracket on provisions in hoops, 2 places.
- ii. Install AN3-11A bolt, NAS1149F0363P washer (2), MS21044N3 nut. Two places per bracket, two brackets per basket.
- iii. Torque AN3 bolts to ??.

b. Install handle

- i. Trim 36278-01R and 36278-01L springs to ensure end of spring does not extend past edge of handle bracket, approximately 1/8". Set springs over bushing of 84261-01 handle assembly.
- ii. Grease two 36275-01 bushings with ??. Insert into bushings of handle assembly.
- iii. Locate handle on basket lid. Insert AN3-12A bolt with NAS1149F0363P through bracket on lid and handle bushing on one end of handle.
- iv. On other end of handle, hook spring over catch rivet on handle assembly and use spring tool to twist spring to catch arm on bracket on lid while inserting AN3-12A bolt with NAS1149F0363P washer through lid bracket and handle bushing.
- v. At first end, remove bolt and repeat step iv.
- vi. Install NAS1149F0363P washer and MS21044N3 nut on both AN3-12A bolts.
- vii. Torque AN3 bolts to ??.

c. Check handle

- i. Operate handle to ensure handle does not bind and springs hold handle in.
- ii. Snap handle into brackets to ensure handle locks.

- d. Record PO/WO of all parts used in steps above on attached material tracking list.

**5. Install lid brace**

- a. Locate 36280-01 lid brace on bushing in basket. Ensure brace is on forward end of basket as it will be installed on the helicopter.
- b. On lid end, insert AN970-3 washer into end of lid brace. Insert AN3-15A bolt with NAS1149F0363P washer through AN970-3 washer, lid prop, and lid bushing. Install NAS1149F0363P washer and MS21044N3 nut on bolt.
- c. On basket end, insert AN3-17A bolt with AN970-3 washer through lid prop and basket bushing. Install NAS1149F0363P washer and MS2144N3 nut on bolt.
- d. Ensure brace is seated on lip of bushings before tightening nuts.
- e. Torque AN3 bolts to ??
- f. Record PO/WO of all parts used in steps above on attached material tracking list.

**6. Final Inspection**

Dual inspection by a different person than assembled the basket.

- a. Check for general condition and correct assembly:
  - i. Bolts are tight
  - ii. Rivets are installed correctly
  - iii. Handle operates correctly
  - iv. Lid brace operates correctly
- b. Check that PO/WO numbers have been recorded.

Work Order: 2013-65

## Material Tracking Sheet

1 of 2

Bell 429

Date Opened: \_\_\_\_\_

Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
			<b>95910-01-</b>	<b>Cargo Basket Assembly</b>	(-01 RH, -02 LH)	
<b>Step 1</b>				<i>Lid Assembly</i>		
Step 1.a.	. 1		95912-01-XX	Basket Lid Assembly		
	. . 4		49205-14	Bumper	Argus Industries Bumper	
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
	. . 1		95917-XX	Lid Checker Plate	3003 Aluminum Tread Plate, 0.063"	
	. . A/R		CR3213-4-02	Cherry Rivet		
	. . A/R		--	Sealant	Commercial Silicone RTV sealant	
<b>Step 2</b>				<i>Basket Assembly</i>		
Step 2.a.	. 1		95911-01-XX	Basket Body Assembly		
	. . 4		96710-01	Fitting	Alternate: Ancra 40088-14	
	. . 8		NAS1149F0663P	Washer		
	. . 1		95915-01	Forward Sheet		
	. . 1		95916-01	Forward Filler Sheet		
	. . 1		95916-02	Aft Filler Sheet		
	. . 1		95927-01-XX	Placard	0.063 Sheet, 6061-T6 Aluminum	
	. . A/R		CR3213-4-02	Cherry Rivet		
<b>Step 3</b>				<i>Hinge Installation</i>		
	. 1		MS20001P4	Piano Hinge	95"	
	. 8		CR3523-5-02	Cherry Rivet		
	. A/R		CR3213-5-02	Cherry Rivet		
<b>Step 4</b>	. 1		84255-01	<i>Handle Installation</i>		
Step 4.a.	. . 2		84267-01	Bracket	Delrin, 3/4" Sheet	
	. . 4		AN3-11A	Bolt		
	. . 8		NAS1149F0363P	Washer		
	. . 4		MS21044N3	Nut		

Work Order: \_\_\_\_\_

## Material Tracking Sheet

2 of 2

Bell 429

Date Opened: \_\_\_\_\_

## Basket Assembly

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/WO
Step 4.b.	. . 1		84261-01	Handle Assembly		
	. . 2		36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	
	. . 2		36275-01	Bushing	Brass, 5/16" Dia	
	. . 2		AN3-12A	Bolt		
	. . 4		NAS1149F0363P	Washer		
	. . 2		MS21044N3	Nut		
Step 5				<i>Lid Brace Installation</i>		
	. 1		36280-01	Brace Assembly		
	. 1		AN3-15A	Bolt		
	. 1		AN3-17A	Bolt		
	. 2		AN970-3	Washer		
	. 3		NAS1149F0363P	Washer		
	. 2		MS21044N3	Nut		
Step 6				<i>Inspection</i>	<i>None</i>	



2013-65

12,800 rue de L'Avenir  
Mirabel (Québec) J7J1R4

**Authorisation d'expédition**  
**Shipping Authorization**

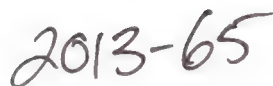
**NUMÉRO / NUMBER : 288268**

<b>Expédier à / Ship to</b>  <b>AERO DESIGN LTD.</b> <b>9888A MALASPINA ROAD</b> <b>POWELL RIVER, BC V8A 0G3</b> <b>ATT: MR. JEFF CLARKE</b>	<b>Référence du destinataire</b> <b>Consignee's reference</b>	
	<b>Date d'expédition</b> <b>Shipping date</b>	2014/10/10
	<b>F.A.B.</b> <b>F.O.B.</b>	PRE-PAID
	<b>VIA</b>	FEDER EXPR-0
	<b>Connaissance</b> <b>Waybill</b>	620675385798

Numéro de pièce Part Number	Description	Harmonized Tarif System Code	NAFTA Eligi ble	Bon de commande Purchase Order	Pays origine Country of Origine	Qty	Prix unitaire Unit Price	Montant Amount
95933-01	AFT BEAM		NO		CA	1	1000.00	1000.00

<b>Remarques / Remarks</b>  <b>TEL: 604-483-2376</b> <b>30X10X10X</b>	<b>Valeur totale</b> <b>Total value</b>	1000.00
	<b>Devise</b> <b>Currency</b>	CANADIAN
	<b>Nombre de colis</b> <b>Number of containers</b>	1
	<b>Poids brut</b> <b>Gross weight</b>	25

<b>TRUDEL</b> <b>Originateur / Originator</b>	<b>2014/10/07</b> <b>Signature de l'expéditeur / Shipping Clerk's Signature</b>
<b>Ramassé par / Picked-up by</b>	<b>Date</b>



Autorisation d'expédition  
Shipping Authorization

NUMÉRO / NUMBER : 288268

Expédier à / Ship to	Référence du destinataire Consignee's reference	
AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC V8A 0G3 ATT: MR. JEFF CLARKE	Date d'expédition Shipping date	2014/10/10
	F.A.B. F.O.B.	PRE-PAID
	VIA	FEDER EXPR-0
	Connaissance Waybill	620675385798

[illegible]

<b>emarques / Remarks</b>  TEL : 604-483-2376  30X10X10X	<b>Valeur totale</b> Total value	1000.00
	<b>Devise</b> Currency	CANADIAN
	<b>Nombre de colis</b> Number of containers	1
	<b>Poids brut</b> Gross weight	25

TRUDEL

2014/10/07

Originateur / Originator

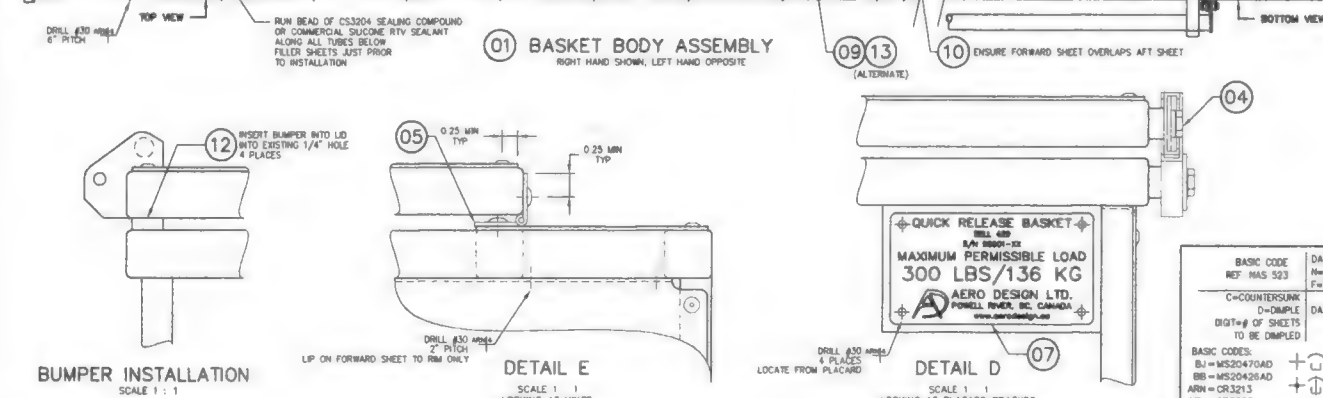
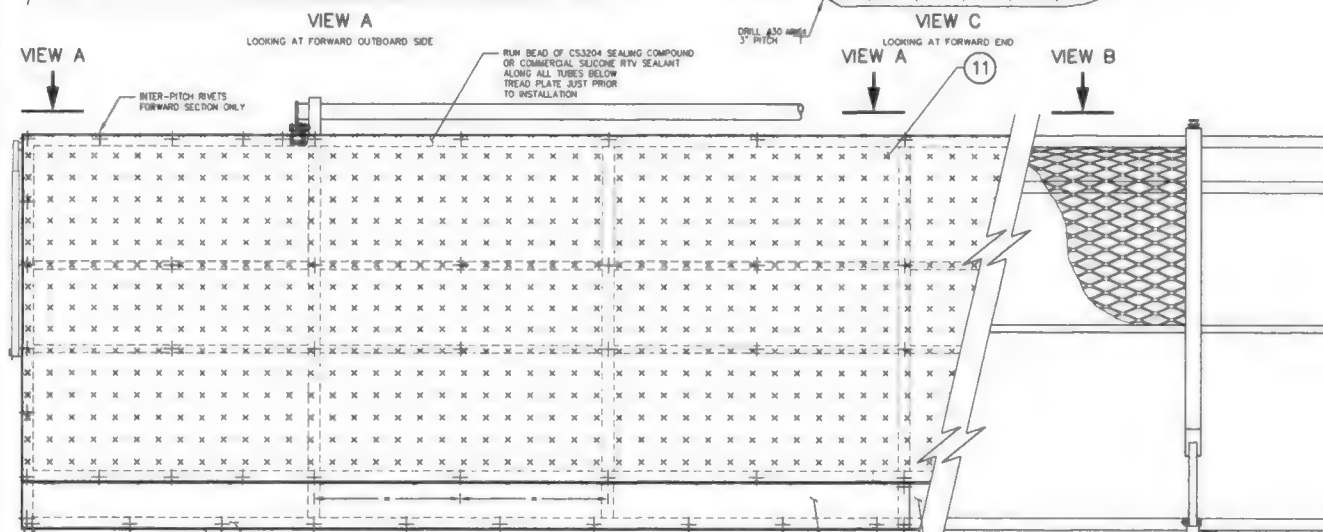
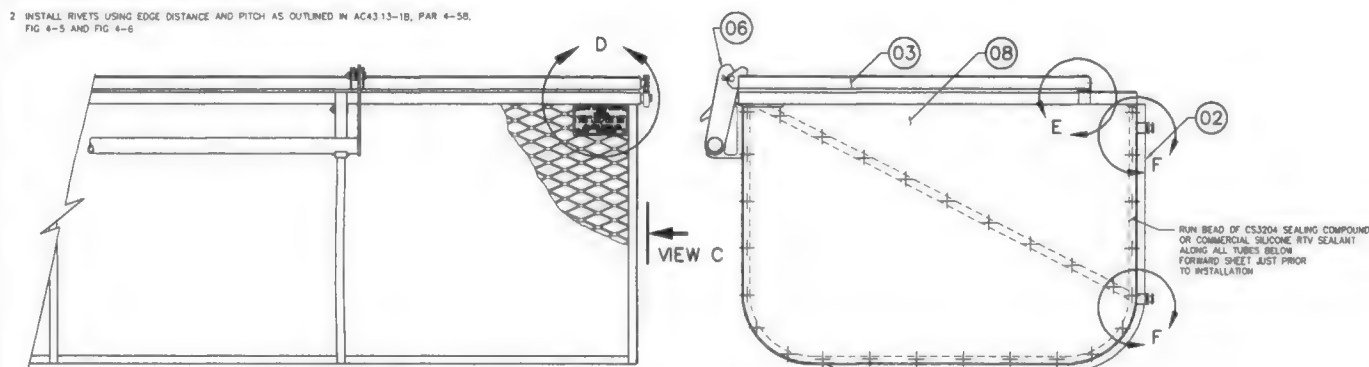
Signature de l'expéditeur / Shipping Clerk's Signature

Ramassé par / Picked-up by

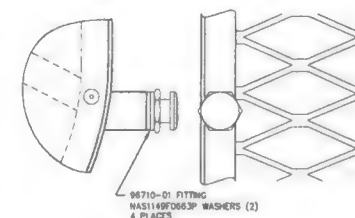
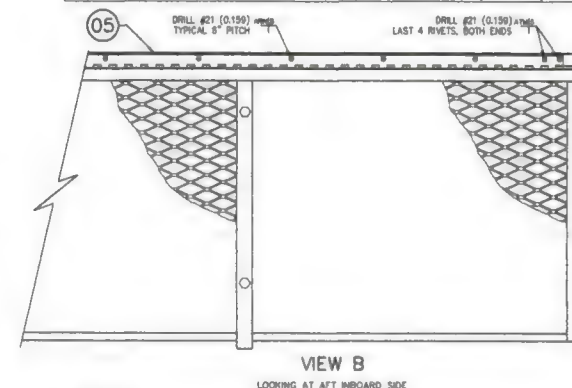
Date \_\_\_\_\_

# NOTES

- 1 REMOVE ALL BURRS AND BREAK SHARP EDGES
- 2 INSTALL RIVETS USING EDGE DISTANCE AND PITCH AS OUTLINED IN AC4313-1B, PAR 4-5B, FIG 4-5 AND FIG 4-6



REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	CREATED FROM 94610, REV 0		
1	TITLE BLOCK UPDATED; HARDWARE UPDATED; SEALANT CHANGED; ALTERNATE FILLER SHEET (15)	BUC	31/01/2014



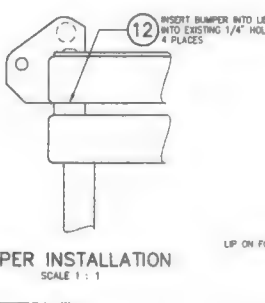
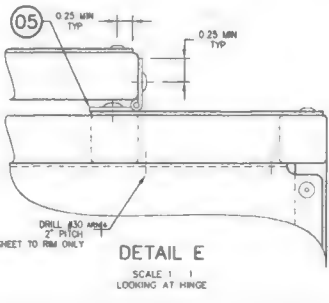
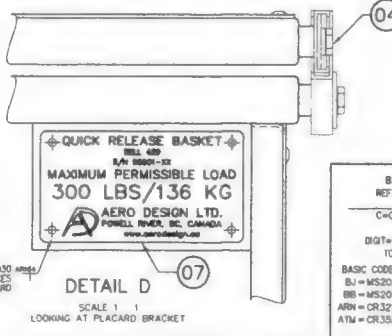
A/R/A/R	---	SILICONE SEALANT (CLEAR)	COMMERCIAL
A/R/A/R	CS3204	SEALING COMPOUND	AMS-S-8802C T2 B1/2
8 B	NAS1149F0663P	WASHER	ALT: AMCR4 40088-14
4 4	95910-01	FITTING	ALT: HR3213-4-02
A/R/A/R	CR3213-4-02	CHERRY RIVET	ALT: HR3523-5-02
8 B	CR3523-5-02	CHERRY RIVET	ALT: HR3213-5-02
A/R/A/R	CR3213-5-02	CHERRY RIVET	ALTERNATE TO 09/10
A/R/A/R	95910-03	FILLER SHEET	ALTERNATE TO 09/10
4 4	48201-14	BUMPER	ALTERNATE TO 09/10
1	95917-02	LH LID CHECKER PLATE	
1	95917-01	RH LID CHECKER PLATE	
1	95916-02	10 AFT FILLER SHEET	
1	95916-01	26 FORWARD FILLER SHEET	
1	95915-01	08 FORWARD SHEET	
1	95927-02	07 LH PLACARD	
1	95927-01	07 RH PLACARD	
1	84253-01	06 HANDLE BAR INSTALLATION	
1	MS50001P4	05 HAND HINGE	95 LONG
1	84240-01	04 LID BRACE INSTALLATION	
1	95912-01-02	03 LH LID ASSEMBLY	
1	95912-01-01	03 RH LID ASSEMBLY	
1	95911-01-02	02 LH BASKET BODY ASSEMBLY	
1	95911-01-01	02 RH BASKET BODY ASSEMBLY	
1	95910-01-02	01 LH CARGO BASKET ASSEMBLY	
1	95910-01-01	01 RH CARGO BASKET ASSEMBLY	
-02 -01	PART NO	ITEM	DESCRIPTION
QTY QTY			MATERIAL

**AERO DESIGN LTD.**  
9088A MALASPINA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 904 480 1070 www.aerodesign.ca

BELL 429 - S/N 57001 THRU 57080  
QUICK RELEASE CARGO BASKET  
CARGO BASKET ASSEMBLY

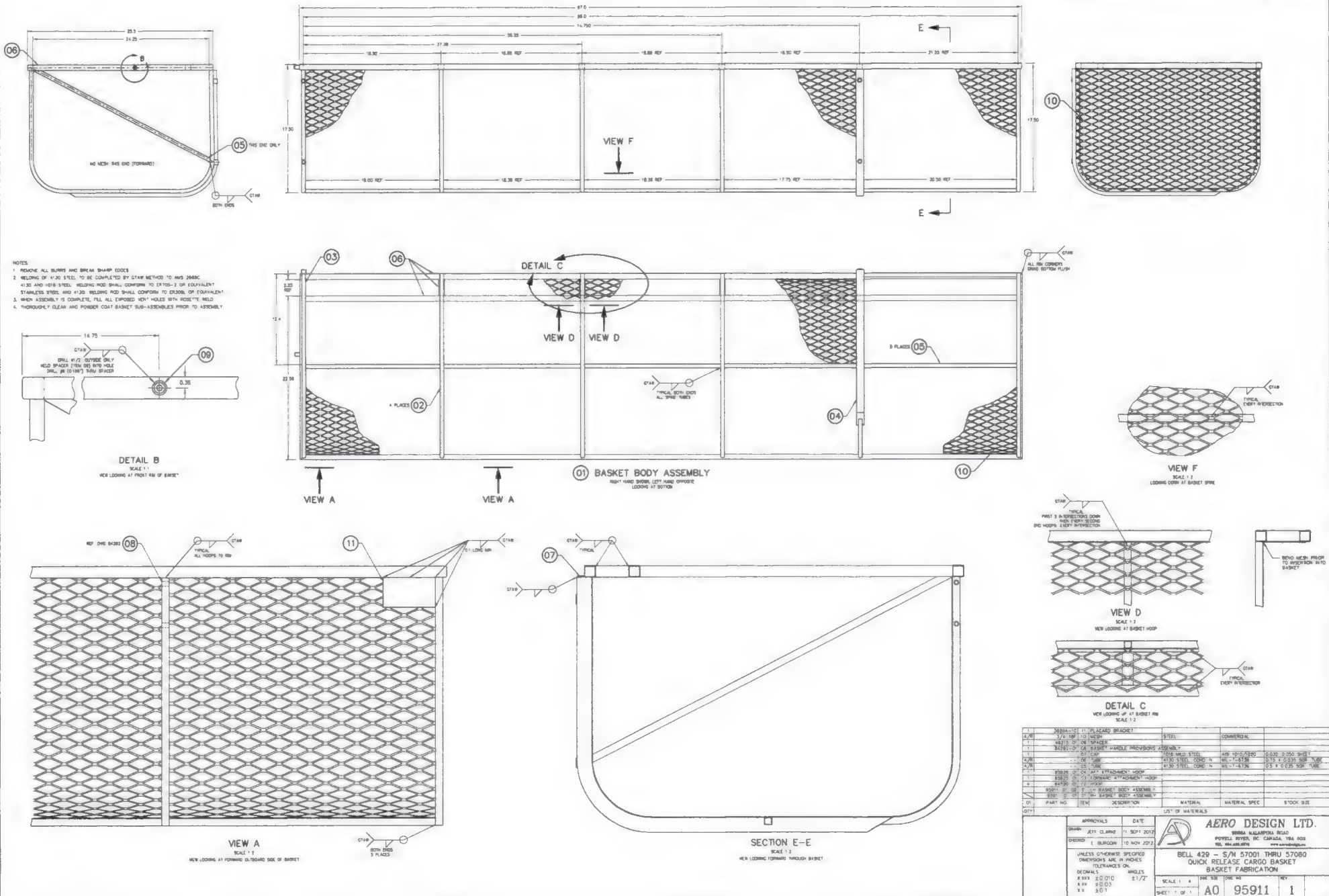
SCALE	DWG SIZE	DWG NO	REV
1:4	A1	95910	1

BASIC CODE	DASH NO. FOR DIAMETER	APPROVALS	DATE
REF: HAS 523	M=MPD HEAD NEAR SIDE F=MPD HEAD FAR SIDE	DRAWN: JEFF CLARKE CHECKED: E. BURGOIN	11 SEPT 2012 10 NOV 2012
C=COUNTERSUNK	D=DIMPLE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:	
DIGIT# OF SHEETS TO BE DIMPLED	DASH NO. FOR LENGTH	DECIMALS	ANGLES
B1=MS20470AD B2=MS20426AD ARM=CR3213 ATM=CR3523		X.XXX ±0.010 X.XX ±0.05 X.X ±0.1	±1/2"
		INSTALL NEW RIVET REMOVE/REPLACE RIVET EXISTING RIVET	



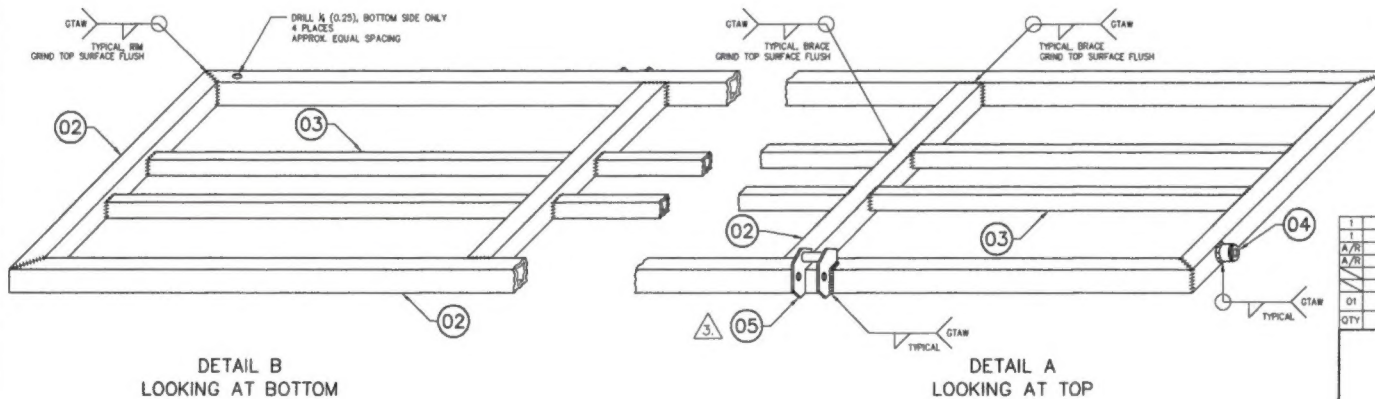
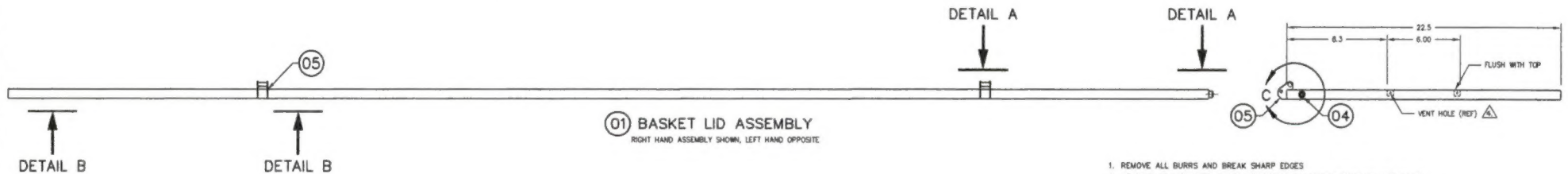
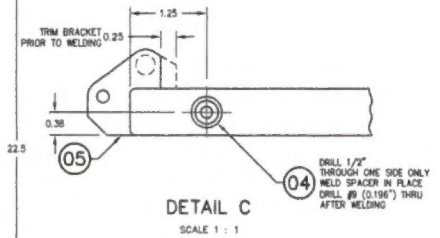
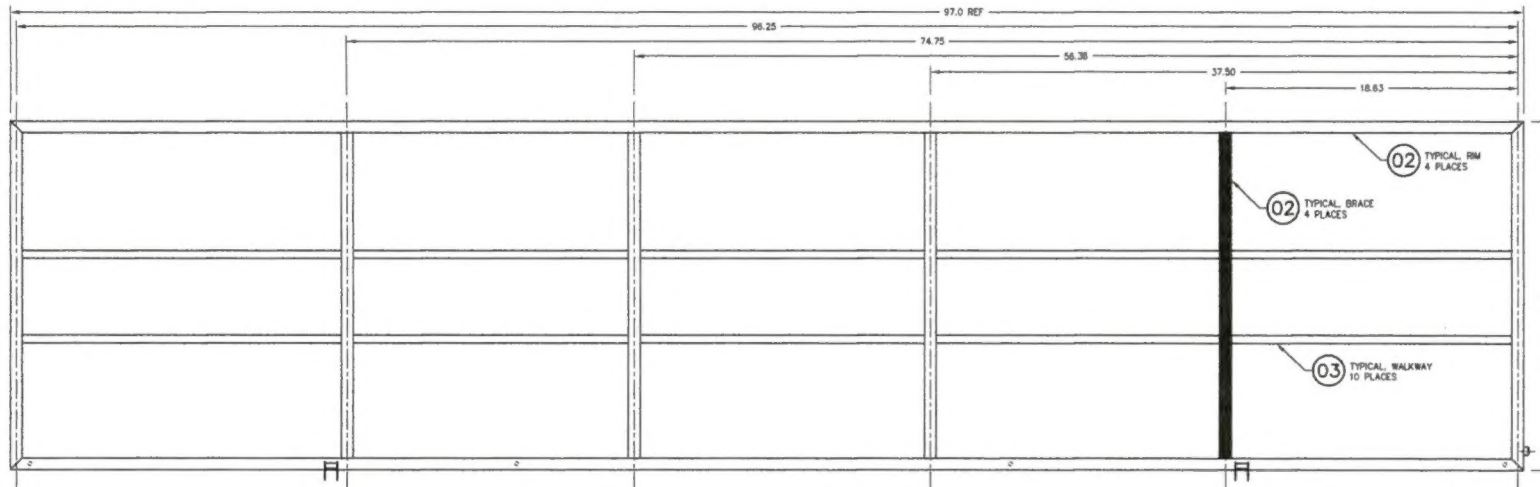


THIS DRAWING IS THE PROPERTY OF AERO DESIGN LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF AERO DESIGN LTD. ANY UNAUTHORIZED REPRODUCTION OR TRANSMISSION OF THIS DRAWING IS A VIOLATION OF THE CANADIAN PATENT ACT AND MAY BE PROSECUTED.			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	ORIGINAL FROM DRAFT		
1	WELD BLACK UNPAINTED - 2 BENCH CORNER WIRE PROHIBITED - WELD TACKS		05/02/2012





THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR Duplicated IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL RELEASE - CREATED FROM B4612		
1	TITLE BLOCK UPDATED; WELDING NOTES; HANDLE PROV. P/Ns; BUMPER HOLES	BJC	26/02/2014

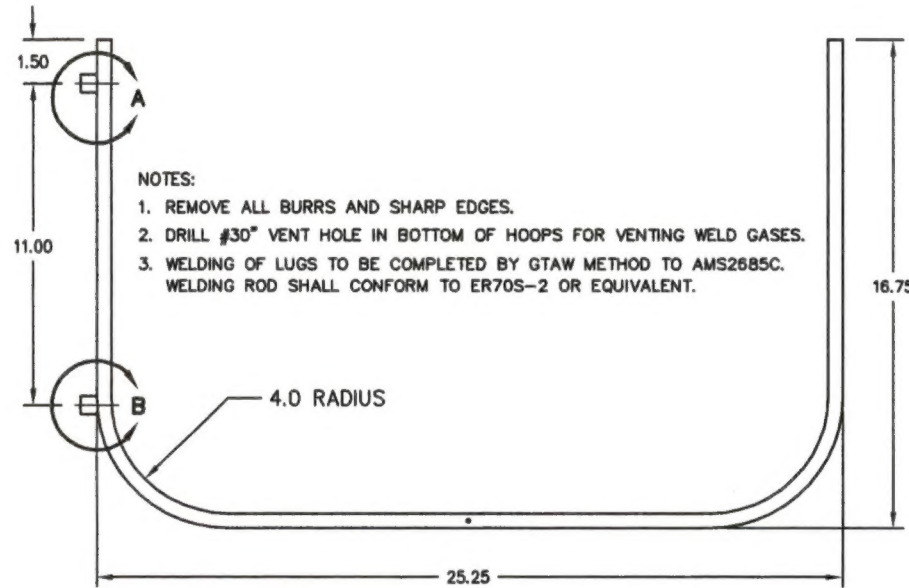


1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AWS 2685C.  
4130 AND 1018 STEEL: WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.  
STAINLESS AND 4130 STEEL: WELDING ROD SHALL CONFORM TO ER308L OR EQUIVALENT.
3. INSTALL ITEM 5 (LID HANDLE PROVISIONS ASSEMBLY) IN ACCORDANCE WITH AERO DESIGN LTD. DRAWING B4263 TYP 2 PLACES. NOTE BRACKET MODIFICATION SHOWN IN DETAIL C.
4. VENT 0.5" TUBES BY DRILLING #30 HOLE INTO 0.75" TUBES WHERE IT WILL BE COVERED BY THE 0.5" TUBE.
5. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

1	B4263-01	05	LID HANDLE PROVISIONS ASSEMBLY			
1	49216-01	04	SPACER			
A/R	--	03	TUBE	4130 STEEL, COND. N	MIL-T-8736	0.5 X 0.035 SQR. TUBE
A/R	--	02	TUBE	4130 STEEL, COND. N	MIL-T-8736	0.75 X 0.035 SQR. TUBE
	95912-01-02	01	LH BASKET LID ASSEMBLY			
	95912-01-01	01	RH BASKET LID ASSEMBLY			
Q1	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY				LIST OF MATERIALS		

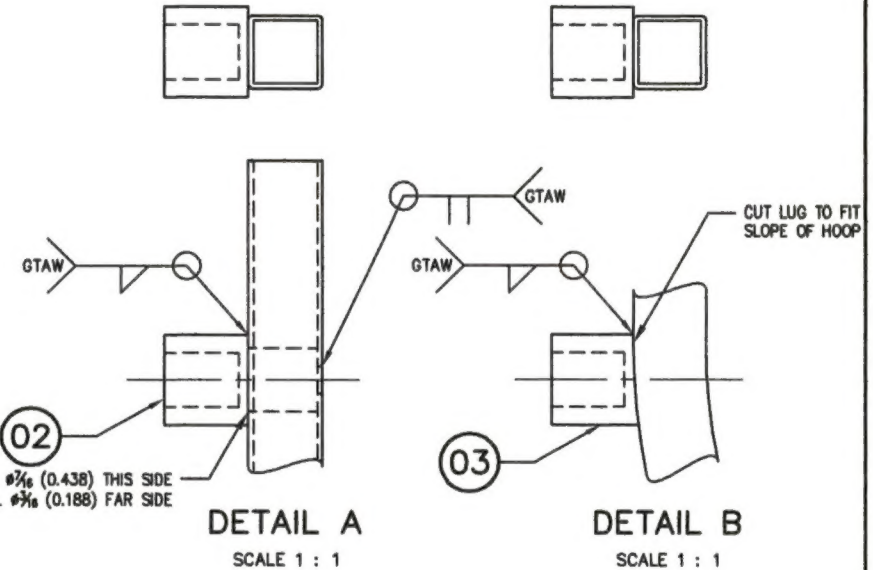
APPROVALS		DATE			<b>AERO DESIGN LTD.</b> 8888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804 483 2516 <a href="http://www.aerodesign.ca">www.aerodesign.ca</a>
DRAWN: JEFF CLARKE		11 SEPT 2012			
CHECKED: E. BURGON		10 NOV 2012			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                      ANGLES X.XXX                      ±0.010                      ±1/2" X.XX                      ±0.03 X.X                      ±0.1				BELL 429 QUICK RELEASE CARGO BASKET BASKET LID ASSEMBLY	
SCALE 1 : 4 SHEET 1 OF 1				DWG. SIZE    DWG. NO.    REV. <b>A1</b> <b>95912</b> <b>1</b>	

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0			
1	TITLE BLOCK UPDATED	BJC	20/02/2014

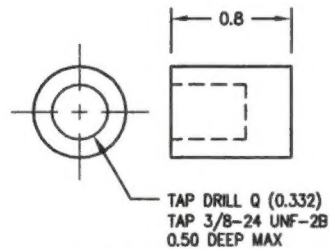
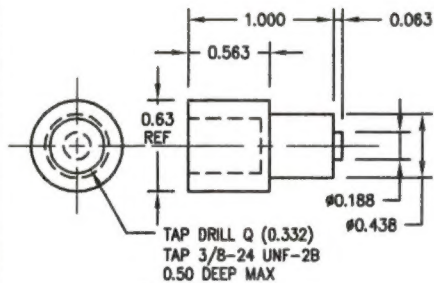


NOTES:


1. REMOVE ALL BURRS AND SHARP EDGES.
2. DRILL #30° VENT HOLE IN BOTTOM OF HOOPS FOR VENTING WELD GASES.
3. WELDING OF LUGS TO BE COMPLETED BY GTAW METHOD TO AMS2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.



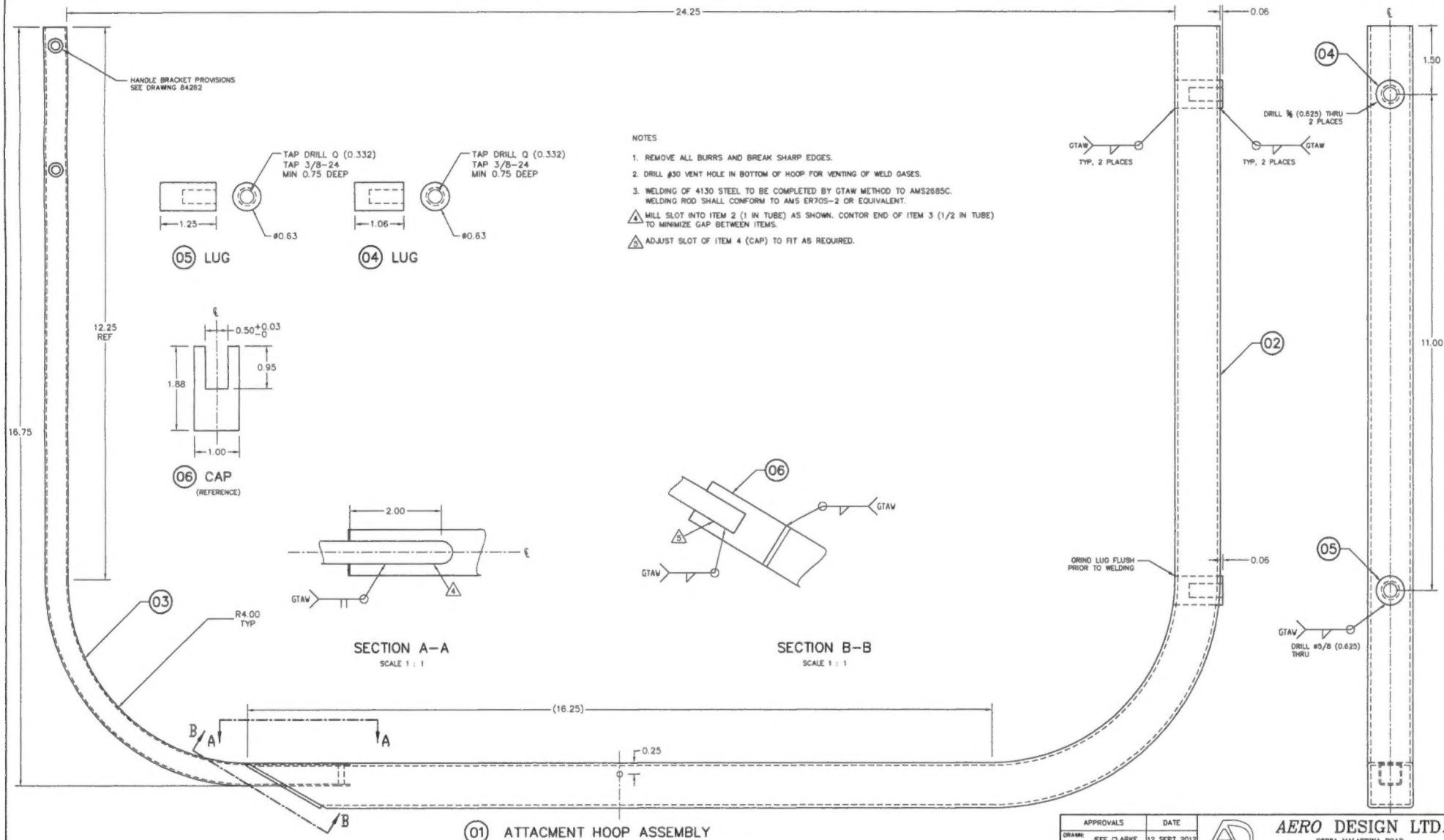
01 FORWARD HOOP



QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	95925-03	03	LUG	1018 MILD STEEL	AMS 2685C	5/8 ROD
1	95925-02	02	LUG	1018 MILD STEEL	AMS 2685C	5/8 ROD
1	95925-01	01	FORWARD ATTACHMENT HOOP	4130 STEEL COND. N	MIL-T-6736	1/2 x 0.035 SQR. TUBE

APPROVALS		DATE	AERO DESIGN LTD.			
DRAWN: JEFF CLARKE		12 SEPT 2012	 <p>9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 804.483.2376 www.aerodesign.ca</p>			
CHECKED: E. BURGAIN		10 NOV 2012				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:			BELL 429 - S/N 57001 THRU 57080 QUICK RELEASE CARGO BASKET FORWARD ATTACHMENT HOOP			
DECIMALS			SCALE 1 : 5			
ANGLES			DWG. SIZE			
X.XXX ±0.010			DWG. NO.			
X.XX ±0.03			REV.			
X.X ±0.1			SHEET 1 OF 1			
			LGL 95925 1			

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THE DRAWING OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DISSEMINATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREIN.			
REV	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; HANDLE PROVISIONS ADDED	BJC	20 FEB 2014



QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	84262-01	07	BASKET HANDLE PROVISIONS			
1	76423-04	06	CAP	1018 MILD STEEL	AISI 1010/1020	0.032-0.050 SHEET
1	95926-05	05	LUG	1018 MILD STEEL	AISI 1010/1020	5/8 DIA ROD
1	95926-04	04	LUGS	1018 MILD STEEL	AISI 1010/1020	5/8 DIA ROD
A/R		03	TUBE 1/2IN	4130 STEEL COND. N	MIL-T-6736	1/2 X 0.035 SQR TUBE
A/R		02	TUBE 1IN	4130 STEEL COND. N	MIL-T-6736	1 X 0.065 SQR TUBE
	95926-01	01	ATTACHMENT HOOP ASSEMBLY			

LIST OF MATERIALS

APPROVALS	DATE
DRAWN: JEFF CLARKE	12 SEPT 2012
CHECKED: E. BURGON	10 NOV 2012



**AERO DESIGN LTD.**

8088A MALASPONA ROAD  
POWELL RIVER, BC, CANADA, V8A 0G3  
TEL: 804.463.3078 www.aerodesign.ca

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ON:  
DECIMALS ANGLES  
X.XXX ±0.010  
X.XX ±0.03  
X.X ±0.1

BELL 429  
QUICK RELEASE CARGO BASKET  
ATTACHMENT HOOP FABRICATION

SCALE	DWG SIZE	DWG NO.	REV.
SCALE 1 : 1	A1	95926	1
SHEET 1 OF 1			



THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; ADDRESS, LOGO AND S/N UPDATED	BJC	11/03/2014

#### NOTES

- ENGRAVE 0.007 DEEP AS FOLLOWS:  
 "QUICK RELEASE BASKET" - 0.125 HIGH  
 "BELL 429" - 0.080 HIGH  
 "S/N 959YY-XX" - 0.080 HIGH - (SEE NOTES 2-5)  
 "MAXIMUM PERMISSIBLE LOAD" - 0.125 HIGH  
 "300 LBS. TOTAL" - 0.200 HIGH  
 "AERO DESIGN LTD." - 0.125 HIGH  
 "POWELL RIVER, BC, CANADA" - 0.080 HIGH  
 "www.aerodesign.ca" - 0.080 HIGH
- ITEM 01: RH BASKET FOR A/C S/N THRU 57080, S/N TO READ:  
 "S/N 95901-XX" - 0.080 HIGH
- ITEM 02: LH BASKET FOR A/C S/N THRU 57080, S/N TO READ:  
 "S/N 95902-XX" - 0.080 HIGH
- ITEM 03: RH BASKET FOR A/C S/N 57081 AND SUB, S/N TO READ:  
 "S/N 95911-XX" - 0.080 HIGH
- ITEM 04: LH BASKET FOR A/C S/N 57081 AND SUB, S/N TO READ:  
 "S/N 95912-XX" - 0.080 HIGH


DRILL #30 (0.129)  
4 PLACES



01 02 03 04 PLACARD

1	95927-04	04	LH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-03	03	RH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-02	02	LH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
1	95927-01	01	RH PLACARD	6061-T6 ALUMINUM	QQ-A-250/11	0.050 SHEET
	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE

#### QTY LIST OF MATERIALS

	APPROVALS		DATE			AERO DESIGN LTD.						
	DRAWN: JEFF CLARKE		11 SEPT 2012			9888A MALASPINA ROAD						
	CHECKED: E. BURGOIN		10 NOV 2012			POWELL RIVER, BC, CANADA, V8A 0G3						
					TEL: 804.483.2376							
					www.aerodesign.ca							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS                      ANGLES X.XXX    ±0.010                      ±1/2" X.XX     ±0.03 X.X      ±0.1					BELL 429 QUICK RELEASE CARGO BASKET PLACARD							
					SCALE 1 : 1		DWG. SIZE		DWG. NO.		REV.	
					SHEET 1 OF 1		A1		95927		1	